



(19)

(11) Publication number:

Generated Document.

PATENT ABSTRACTS OF JAPAN

(21) Application number: 07235505

(51) Intl. Cl.: B60H 1/32 B60H 1/08

(22) Application date: 13.09.95

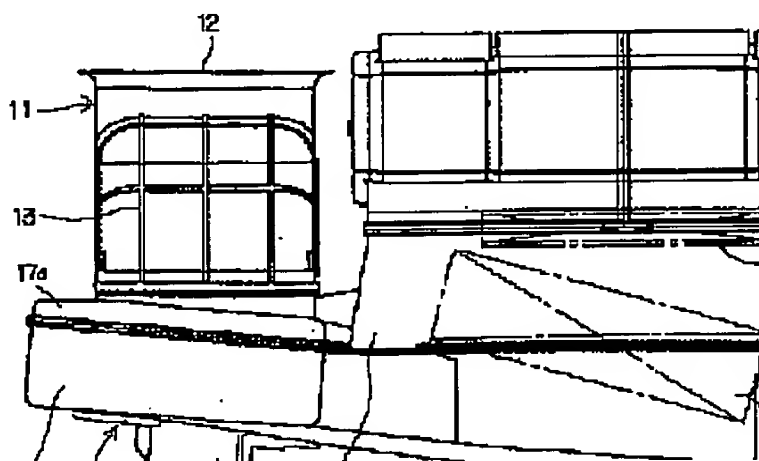
<p>(30) Priority: 22.09.9429.08.95 JPJP 0622759207220903</p> <p>(43) Date of application publication: 13.05.97</p> <p>(84) Designated contracting states:</p>	<p>(71) Applicant: DENSO CORP</p> <p>(72) Inventor: SHIROTA YUICHI NONOYAMA KOJI TANAKA TAKASHI YOMO KAZUFUMI KAMIMURA YUKIO SUGI HIKARI MIYATA MANABU</p> <p>(74) Representative:</p>
---	--

(54) AUTOMOTIVE AIR-CONDITIONER

(57) Abstract:

PROBLEM TO BE SOLVED: To dispense with an air duct and to enable a heating heat-exchanger horizontally placed to be mounted even in a small vehicle interior space by placing a blow mode switching part in the air downstream of the heat exchanger, for switching the blowing direction of air heated.

SOLUTION: Air sucked in from an inside/outside air switching box 11 through a bell-mouse-shaped inlet at the top of a scroll casing 17 by rotation of a fan is fed roughly horizontally toward the outlet of the scroll casing 17. A heat-exchanger for air conditioning has a built-in air-conditioning unit placed at the center of an instrument panel in the interior



of the vehicle. The evaporator 21 of a refrigerating cycle in the air-conditioning unit is installed roughly horizontally, and air from a blower unit is allowed to flow in from the downstream of the evaporator. A blowing mode switching part 23 is installed on the air downstream side of a heater core 22 installed roughly horizontally to the air downstream side of the evaporator 21.



COPYRIGHT: (C)1997,JPO

THE HOT KNIFE

IBM

Intellectual Property Network

To Search & Research

[IPN Home](#) | [Search](#) | [Order](#) | [Shopping Cart](#) | [Login](#) | [Help](#)**Patent Plaques**

JP9123748A: AUTOMOTIVE AIR-CONDITIONER

[View Images \(1 pages\)](#)

Inventor(s): **SHIROTA YUICHI**
NONOYAMA KOJI
TANAKA TAKASHI
YOMO KAZUFUMI
KAMIMURA YUKIO
SUGI HIKARI
MIYATA MANABU

Applicant(s): **DENSO CORP**

[News, Profiles, Stocks and More about this company](#)

Issued/Filed Dates: **May 13, 1997 / Sept. 13, 1995**

Application Number: **JP1995000235505**

IPC Class: **B60H 001/32; B60H 001/08;**

Priority Number(s): **Aug. 29, 1995 JP1995000220903 Family**
Sept. 13, 1995 JP1995000235505

Abstract: **Problem to be solved:** To dispense with an air duct and to enable a heating heat-exchanger horizontally placed to be mounted even in a small vehicle interior space by placing a blow mode switching part in the air downstream of the heat exchanger, for switching the blowing direction of air heated.

Solution: Air sucked in from an inside/outside air switching box 11 through a bell-mouse-shaped inlet at the top of a scroll casing 17 by rotation of a fan is fed roughly horizontally toward the outlet of the scroll casing 17. A heat-exchanger for air conditioning has a built-in air-conditioning unit placed at the center of an instrument panel in the interior of the vehicle. The evaporator 21 of a refrigerating cycle in the air-conditioning unit is installed roughly horizontally, and air from a blower unit is allowed to flow in from the downstream of the evaporator. A blowing mode switching part 23 is installed on the air downstream side of a heater core 22 installed roughly horizontally to the air downstream side of the evaporator 21.

COPYRIGHT: (C)1997,JPO

Foreign References: **none**

(No patents reference this one)



Nominate this invention for the Gallery...

Alternate Searches

 Patent Number

 Boolean Text

 Advanced Text



SEARCH PATENT FULL TEXT
WITH NATURAL LANGUAGE

[Legal](#) | [IBM](#) | [FAQ](#) | [Feedback](#) | [Contact Us](#)